

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE ☒ WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

\* Location Abandoned- Well never drilled- 2-12-82

DATE FILED 3-12-81

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

SL-070968-A

INDIAN

DRILLING APPROVED: 3-12-81 3-23-81

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 4933' gr

DATE ABANDONED: LA Feb 12, 1982

FIELD: 3/4 Aneth

UNIT: Aneth

COUNTY: San Juan

WELL NO. Aneth Unit #B-412

API NO. 43-037-30640

LOCATION 590 FT. FROM (X) (S) LINE.

1980

FT. FROM (X) (W) LINE.

SE SW

1/4 - 1/4 SEC.

12

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

40S

23E

12

TEXACO, INC.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Texaco, Inc.

Attention: A. R. Marx

## 3. ADDRESS OF OPERATOR

Box EE, Cortez, Colorado 81321

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

SE/4 SW/4 Sec. 12

At proposed prod. zone

590' FSL; 1980' FWL, Sec. 12

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 8 miles NW of Montezuma Creek, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

590'

## 16. NO. OF ACRES IN LEASE

-----

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

## 19. PROPOSED DEPTH

5958'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4933' GR

## 22. APPROX. DATE WORK WILL START\*

March 10, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	500'	300 sacks: circ. to surface
7-7/8"	5-1/2"	14#; 15.5#	5958'	1st Stage: 300 sacks
				2nd Stage: 575 sacks

DV Collar to be run below DeChelly and cement to bottom of 8-5/8" surface casing.

Propose to drill this infill well in order to gain optimum primary and secondary oil recovery from Aneth Unit. Samples will be taken at 20' intervals from 1500' to 5000'; 10' intervals from 5000' to TD. No cores or DST's are planned. Logs will be run from surface casing to TD. Prospective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

\*\*Additional Information  
on Reverse-----

## ESTIMATED FORMATION TOPS

Navajo-911'; Chinele-1647'; DeChelly-2748'; Desert Creek-5808'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Alvin R. Marx*

TITLE

Field Foreman

DATE

Feb. 26, 1981

(This space for Federal or State office use)

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

PERMIT NO.

APPROVAL DATE

DATE: 3-12-81

APPROVED BY

TITLE

BY: *M. J. Smith*

CONDITIONS OF APPROVAL, IF ANY:

USGS (4)

OGCC (2)

GLE (2)

Bureau of Indian Affairs

Navajo Tribe

SLC

Gulf (2)

Shell

Superior

Tenneco

COMPANY Texaco Inc.

Well Name & No. Aneth Unit Well No. B412

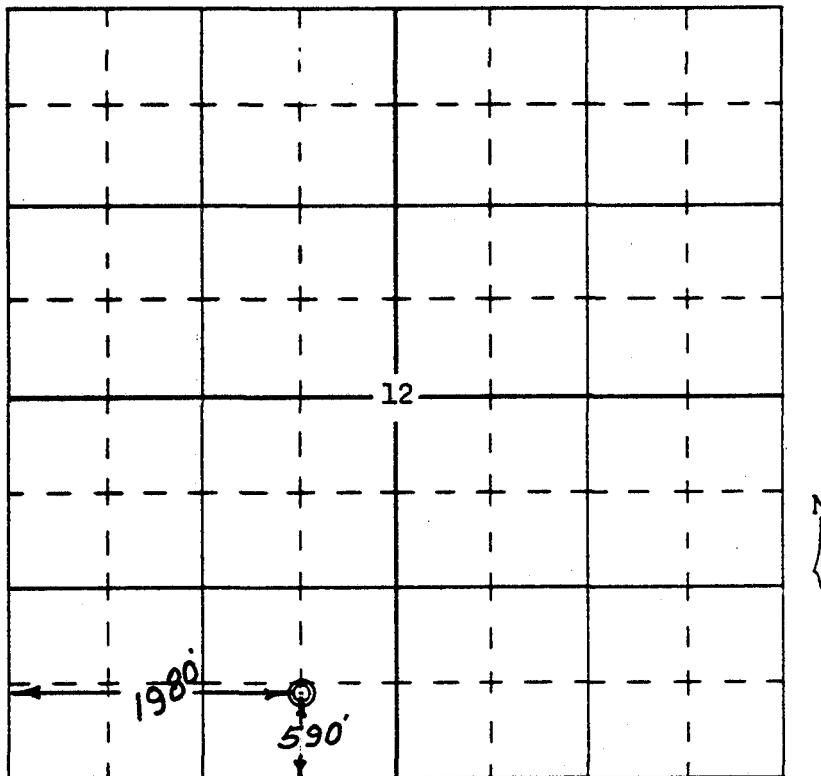
Lease No. \_\_\_\_\_

Location 590 feet from South line and 1980 feet from West line

Being in San Juan County, Utah

Sec. 12, T.40S., R.23E., S.L.M.

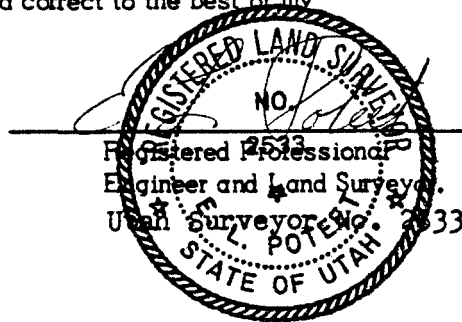
Ground Elevation 4933



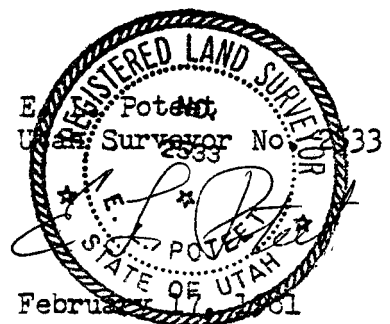
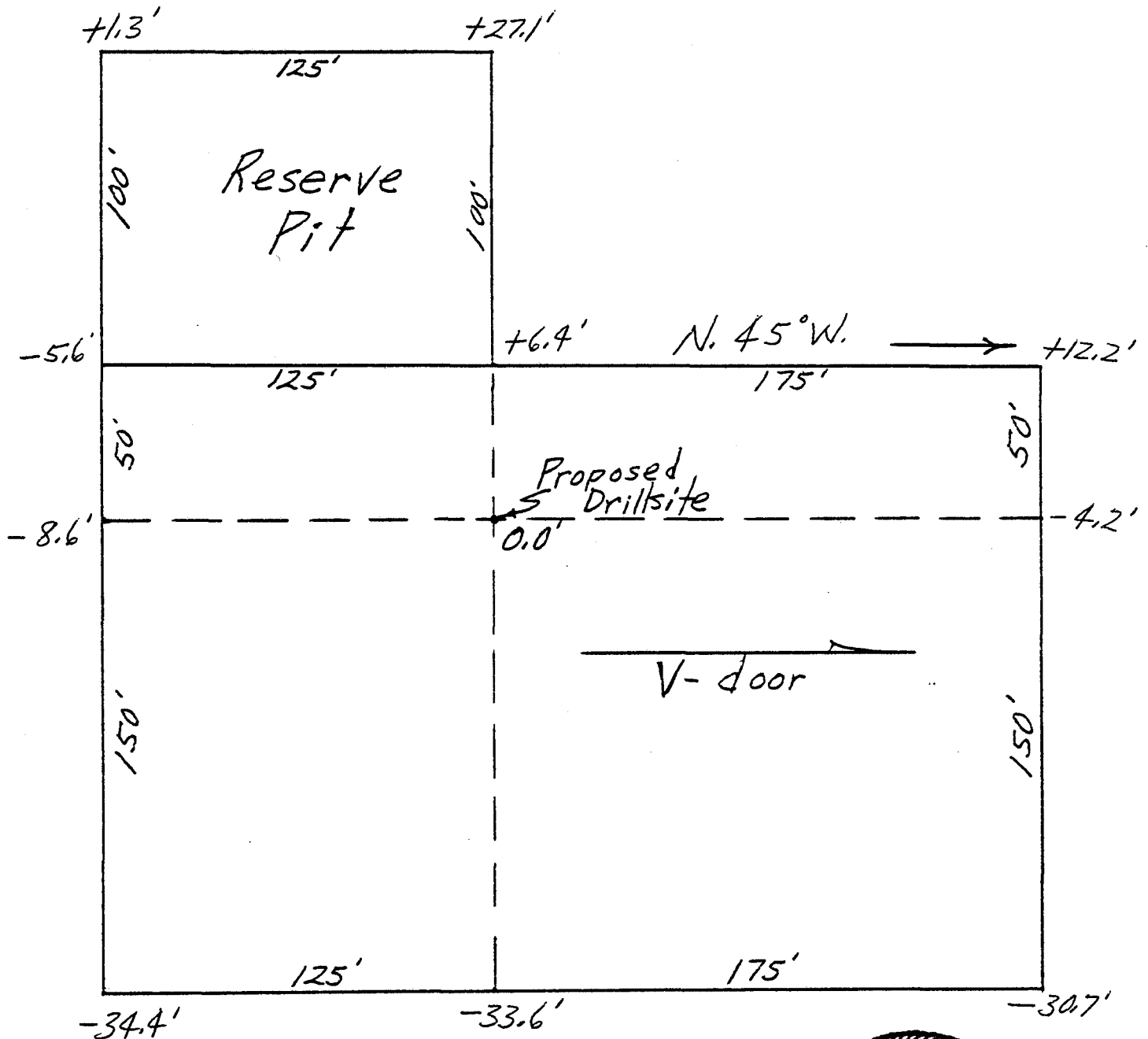
Scale -- 4 inches equals 1 mile

Surveyed \_\_\_\_\_ February 5, 19 81

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Texaco Inc.  
Aneth Unit Well No. B412  
590' FSL & 1980' FWL Sec. 12-40S-23E  
San Juan County, Utah



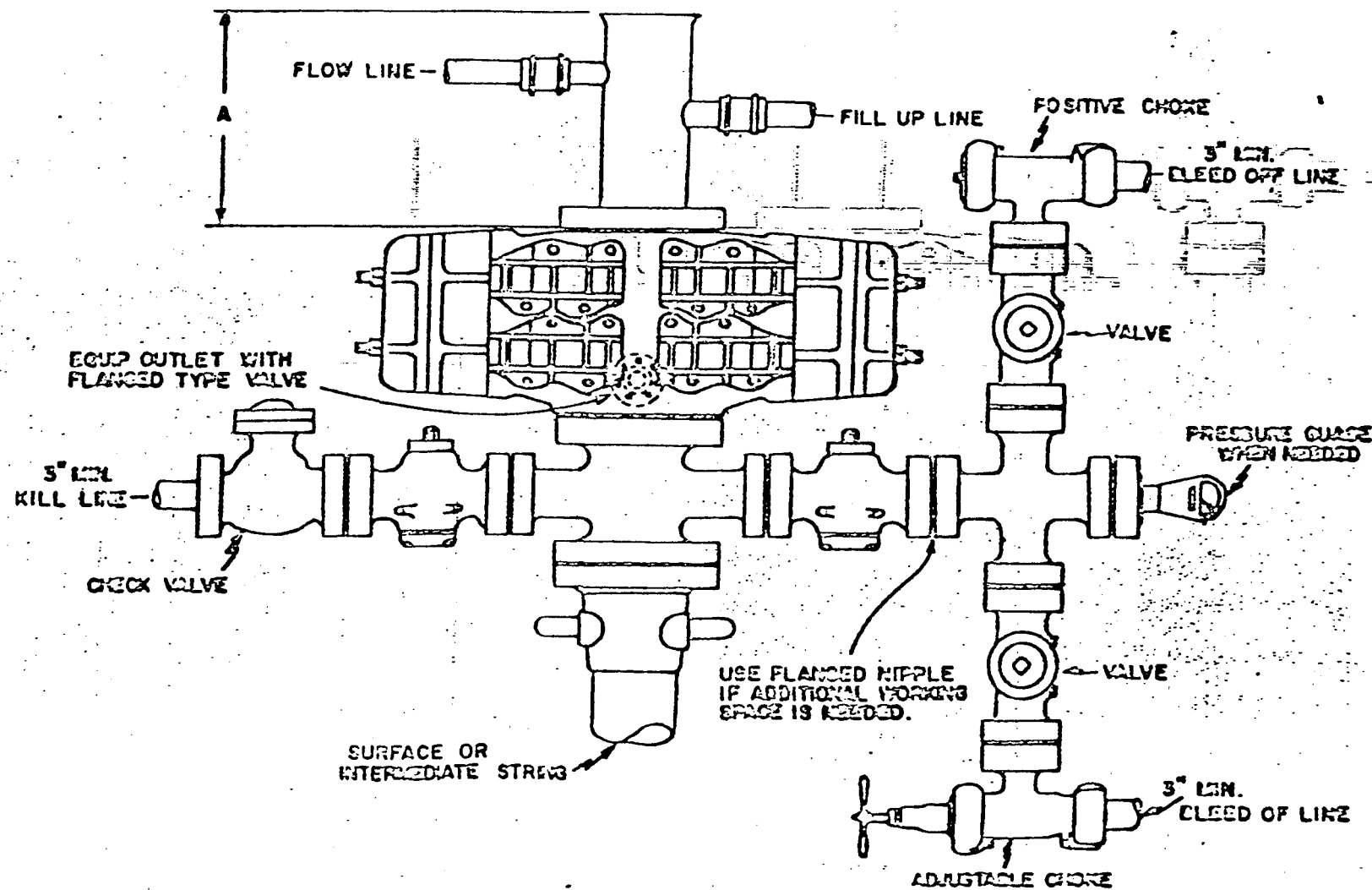
ADDITIONAL INFORMATION

- 1) Surface Casing: 500' of 8-5/8" OD 24# K-55 ST & C casing.
- 2) Production Casing:
  - 0 - 5458: 5458' of 5-1/2" OD 14# K-55 ST & C casing.
  - 5458 - 5958: 500' of 5-1/2" OD 15.5# K-55 ST & C casing (Ruff-coated).
- 3) Blowout Preventer: Schaffer, Double Gate, Hydraulic, 900 series. Tested when surface casing set and at regular intervals.
- 4) Auxiliary Equipment:
  - (a) Kelly Cock will be used at all times and checked daily.
  - (b) Safety sub with full opening valve for drill pipe on floor.
- 5) Anticipated bottom hole pressure: 2500 psi.
- 6) Drilling Fluid:

Fresh Water	0 - 2000'
Fresh Water Gel	2000' - TD

Minimum equipment requirements are:

1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.
2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.
3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.
4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.
5. Kelly cock must be used at all times and should be checked daily.



NOTE: BLOWOUT PREVENTER MUST HAVE COUPLER RAMS; ONE ELIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH ELIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE ELIND RAMS IN THE TOP PREVENTER.

ANETH UNIT Well No. B-412  
SAN JUAN COUNTY, UTAH

APPROVED  
*[Signature]*

TEXACO INC DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2	
DATE TESTED	TESTED BY
DATE RE-TESTED	RE-TESTED BY
REMARKS	REMARKS

Surface Use and Development Plan  
Aneth Unit Well No. B-412  
SE/4 SW/4 Sec. 12, T-40S, R-23E  
San Juan County, Utah

- 1) Existing roads and exit to the location are shown on the attached map.
- 2) Planned access road: Access road will depart from existing road as shown on the attached map. The road will be 900' long, 18' wide with a drainage ditch on the upper side of the road. No significant cut will be required. There will be no turnouts, culverts, or surface materials required. There will not be any need for fences to be cut or cattleguards to be put in.
- 3) Off-set wells to the proposed well are shown on the attached maps.
- 4) Flowline will run East and South approximately 1700' to existing Battery #13. Powerline will run North approximately 350' to existing power line. (Flowline and powerline are shown on the attached maps.)
- 5) Water for drilling operations will be trucked from Texaco's Pressure Maintenance System, a distance of approximately 8 miles Southeast of the proposed well.
- 6) No additional construction material will be required.
- 7) All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently back-filled and buried. A portable chemical toilet will be furnished for drilling personnel.
- 8) No separate drill campsites are proposed.
- 9) The drilling site location will be graded and will be approximately 300' x 300' with natural drainage to the South and West. Proper grading will be used to control erosion and the drilling pad surface will be compacted soil. There will be approximately a 15' cut on the Northwest side of the location with approximately 20' of fill on the South side.
- 10) All surfaces not used in normal well servicing and maintenance will be cleaned and graded.

Surface Use and Development Plan  
(Continued)

- 11) This location slopes at an increase of 20' per 300' to the North. The surface is sandy and rocky, sparsely covered with vegetation normally found in the Aneth Unit area (Rabbit Brush, Sage, Snake Weed, Ephedra, Shadscale, Narrow Leaf Yucca, Prickly Pear, Galleta, Indian Rice Grass, Brome, and Three-Awn).
- 12) Texaco's Representative:  
Mr. A. R. Marx  
Field Foreman  
Box EE  
Cortez, Colorado 81321  
(303) 565-8401

- 13) Certification:
- I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco, Inc., and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

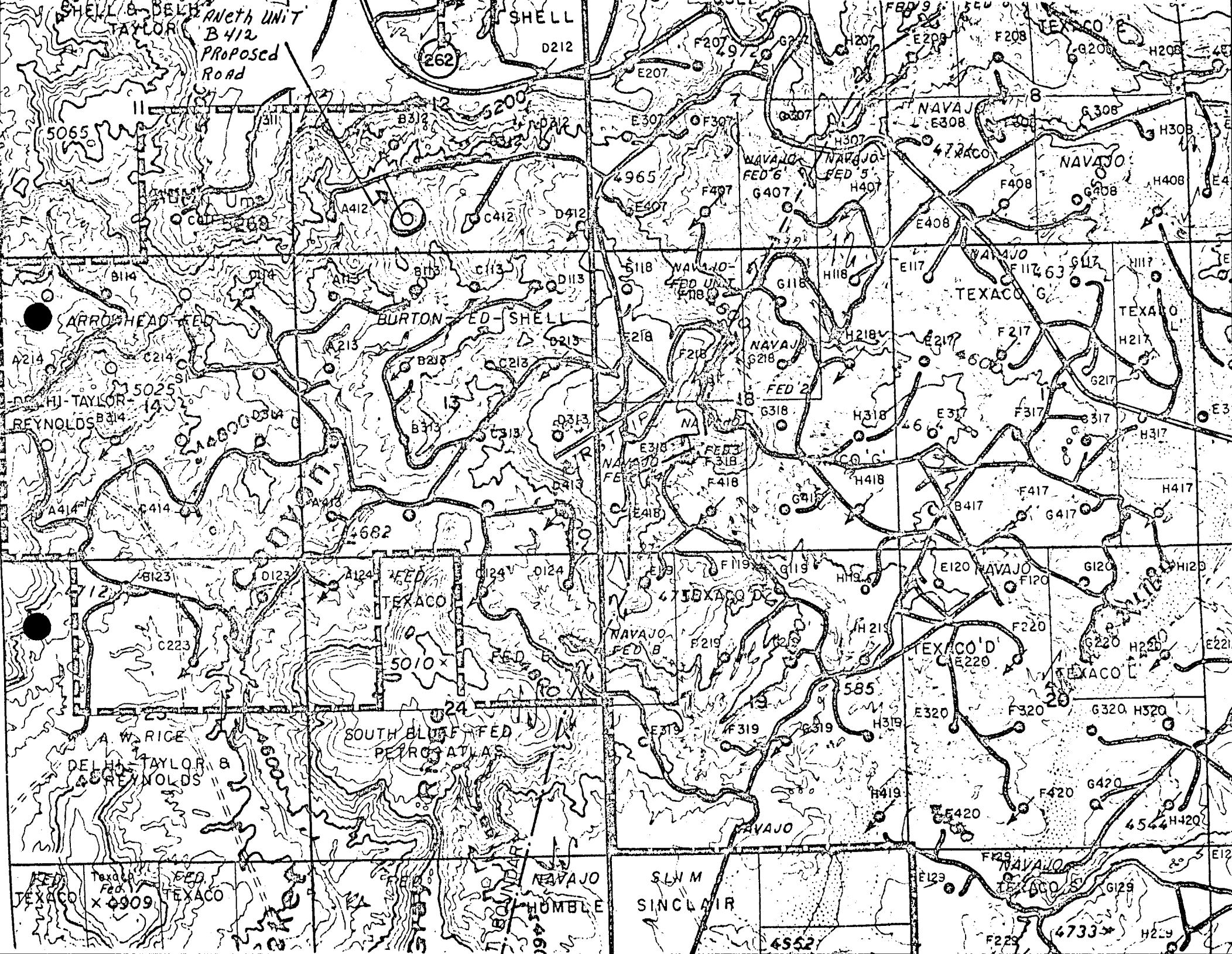
9-26-81

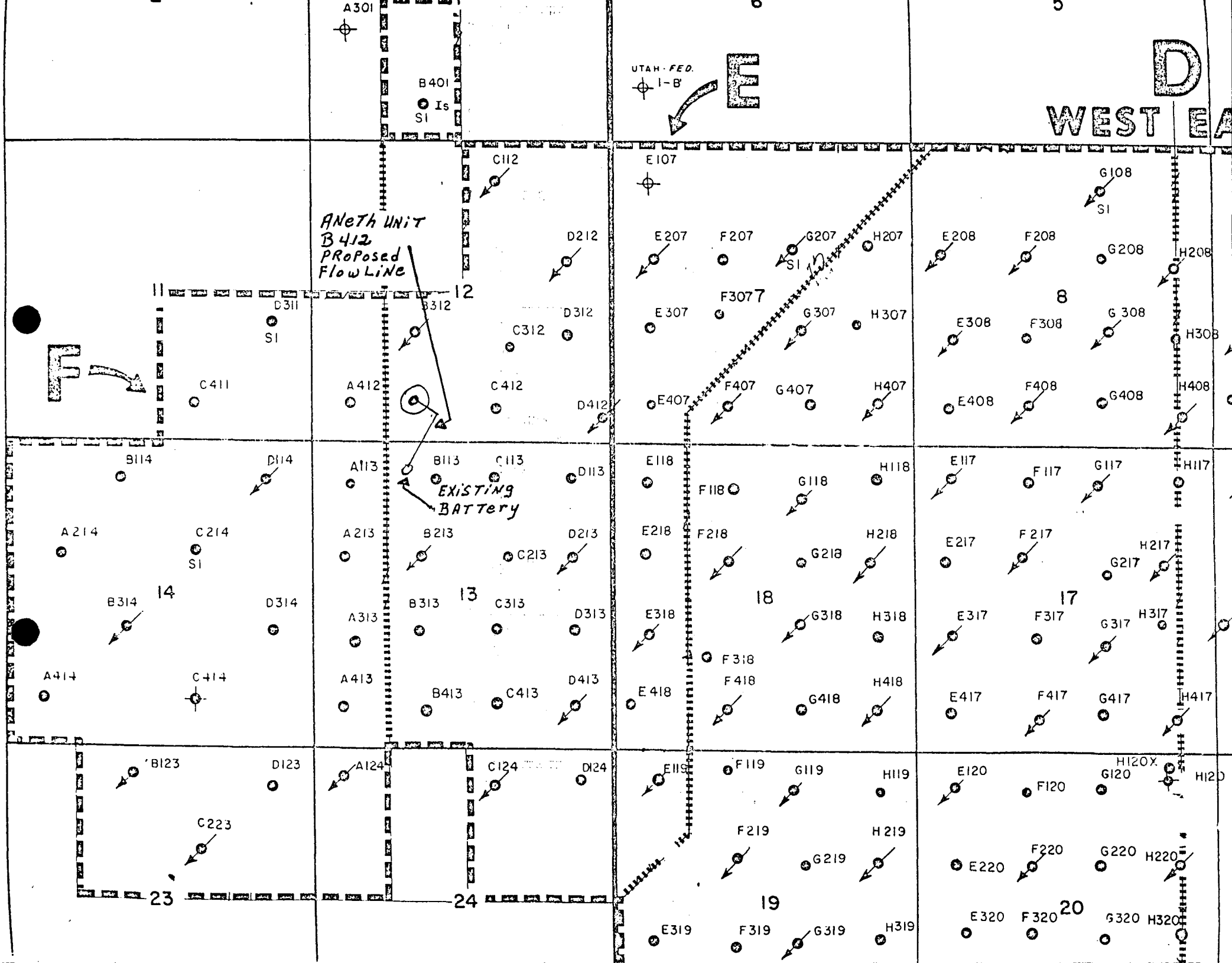
Date

Alvin R. Marx

A. R. Marx  
Field Foreman

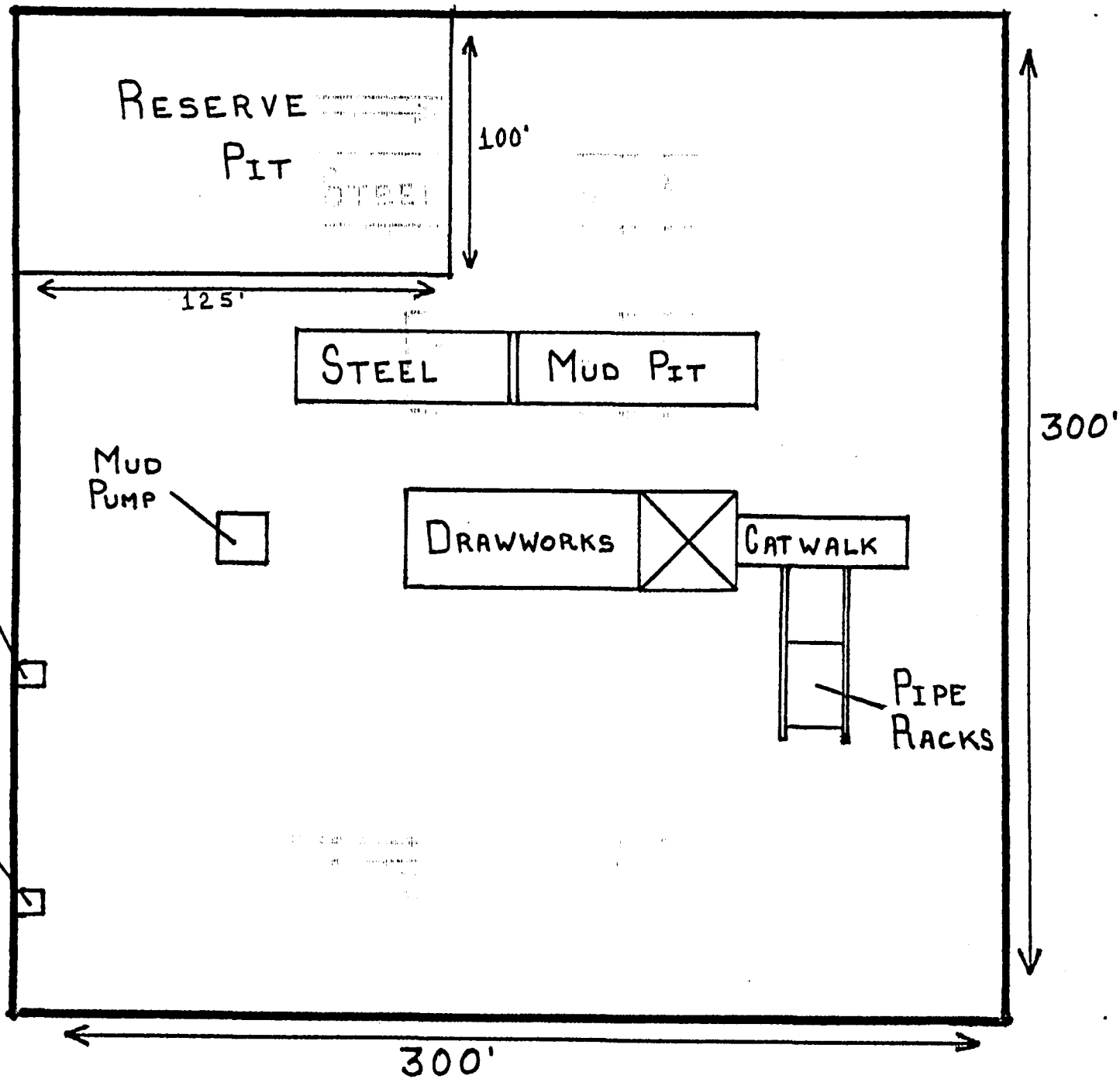








A black and white topographic map showing a mountainous region with numerous contour lines. The map includes labels such as '1965' in the upper right, '505' and 'TRIP' in the lower right, and '682' in the lower center. The map is framed by a thick black border.



**\*\* FILE NOTATIONS \*\***

DATE: March 10, 1981

OPERATOR: Texaco, Inc.

WELL NO: Aneth Unit B-412

Location: Sec. 12 T. 40S R. 23E County: San Juan

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30640

CHECKED BY:

Petroleum Engineer: M. S. Mander 3-12-81

Director: \_\_\_\_\_

Administrative Aide: In Aneth Unit; ok on boundary for oil well.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Bed.

Plotted on Map ☒

Hot Line ☒

Approval Letter Written ☒

P.I. ☒

March 23, 1981

Texaco, Inc.  
Box EE  
Cortez, Colorado 81321

Re: Well No. Aneth Unit B-412  
Sec. 12, T. 40S, R. 23E  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30640.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS; Durango, CO



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Texaco Inc.  
Box EE  
Cortez, Colorado 81321

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist



Well No. Aneth Unit F 415  
Sec. 15, T. 40S, R. 24E  
San Juan County, Utah

Well No. Aneth Unit #H-115  
Sec. 15, T. 40S, R. 24E  
San Juan County, Utah

Well No. Aneth Unit #D-411  
Sec. 11, T. 40S, R. 23E  
San Juan County, Utah

Well No. Aneth Unit #B-412  
Sec. 12, T. 40S, R. 23E  
San Juan County, Utah

Well No. Aneth Unit A-314  
Sec. 14, T. 40S, R. 23E  
San Juan County, Utah

Well No. Aneth Unit #B-414  
Sec. 14, T. 40S, R. 23E  
San Juan County, Utah

Well No. Aneth Unit #C-123  
Sec. 23, T. 40S, R. 23E  
San Juan County, Utah



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Texaco Inc.  
Box EE  
Cortez, Colorado 81321

Re: See attached

FEB 1 1982			
CDF		✓	PRO
FME			PRO
DLR			
RWF			
KLG			
HANDLE			
CENTRAL FILE:			
DIST. FILE:			
CALL UP:			

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Well No. Aneth Unit F 415  
Sec. 15, T. 40S, R. 24E  
San Juan County, Utah

L.A.

Well No. Aneth Unit #H-115  
Sec. 15, T. 40S, R. 24E  
San Juan County, Utah

L.A.

Well No. Aneth Unit #D-411  
Sec. 11, T. 40S, R. 23E  
San Juan County, Utah

L.A.

Well No. Aneth Unit #B-412  
Sec. 12, T. 40S, R. 23E  
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San Juan County, Utah

L.A.

Well No. Aneth Unit #C-123  
Sec. 23, T. 40S, R. 23E  
San Juan County, Utah

L.A.



LA

PRODUCING DEPARTMENT  
WEST UNITED STATES  
DENVER DIVISION

PETROLEUM PRODUCTS

February 12, 1982

TEXACO INC.  
P. O. BOX 2100  
DENVER, COLORADO 80201

APPLICATION FOR PERMIT TO DRILL  
ANETH UNIT WELLS


State of Utah  
Natural Resources & Energy  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

L.A.

Gentlemen:

Reference your letter of January 29, 1982 regarding status of attached list of wells approved by your office for drilling. These wells will not be drilled at this time and permits may be cancelled.

Yours very truly,

  
C. D. Fitzgerald  
District Manager

CDF:RB

cc: JNH-ARM

RECEIVED  
FEB 10 1982

DIVISION OF  
OIL GAS & MINES